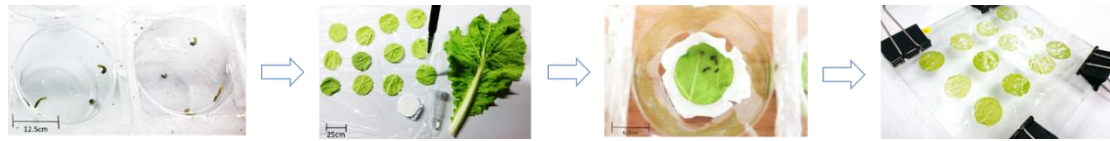


Insect test



Picture.1 Steps from one to four.

1. Testee preparation
 - 1.1 Let the testee, tobacco cutworms, starve for approximately five hours before the test without giving any food.
 - 1.2 Put five tobacco cutworms into plastic cabinets, which diameter is 20cm. Each plastic cabinet is an experimental group.
- 2 Leaves preparation
 - 2.1 Prepare the no pesticide cabbages, which was planted by ourselves
 - 2.2 Cut the leaf with the hollow circular cylinder which diameter is 25cm.
 - 2.3 Drop and smear the 20 μ L certain experimental condition on the front leaf surface.
 - 2.4 Drop and smear the 20 μ L certain experimental condition on the back leaf surface.
 - 2.5 Cut the facial tissue and Smear ddH₂O to make it wet.
 - 2.6 Put the cut wet facial tissue with the leaf to keep leaf wet.
- 3 Feeding
 - 3.1 Put the leaf into the corresponding prepared cabinet.
 - 3.2 Start feeding for 12 hours
- 4 Leaf conservation
 - 4.1 Take out the leaf from the cabinet. Caution that not let the testee, tobacco cutworms, stay on the leaf
 - 4.2 Clamp leaves and conserves them in plastic film.
 - 4.2.1 Prepare two kinds of cellophane and wet them.
 - 4.2.2 Put on the leaves on one cellophane and cover the other one on leaves.
 - 4.2.3 Thrust out all bubbles between two kinds of cellophane.
 - 4.2.4 Air dry the sheet.
- 5 Leaf measurement
 - 5.1 Measure the leaf area and analysis.